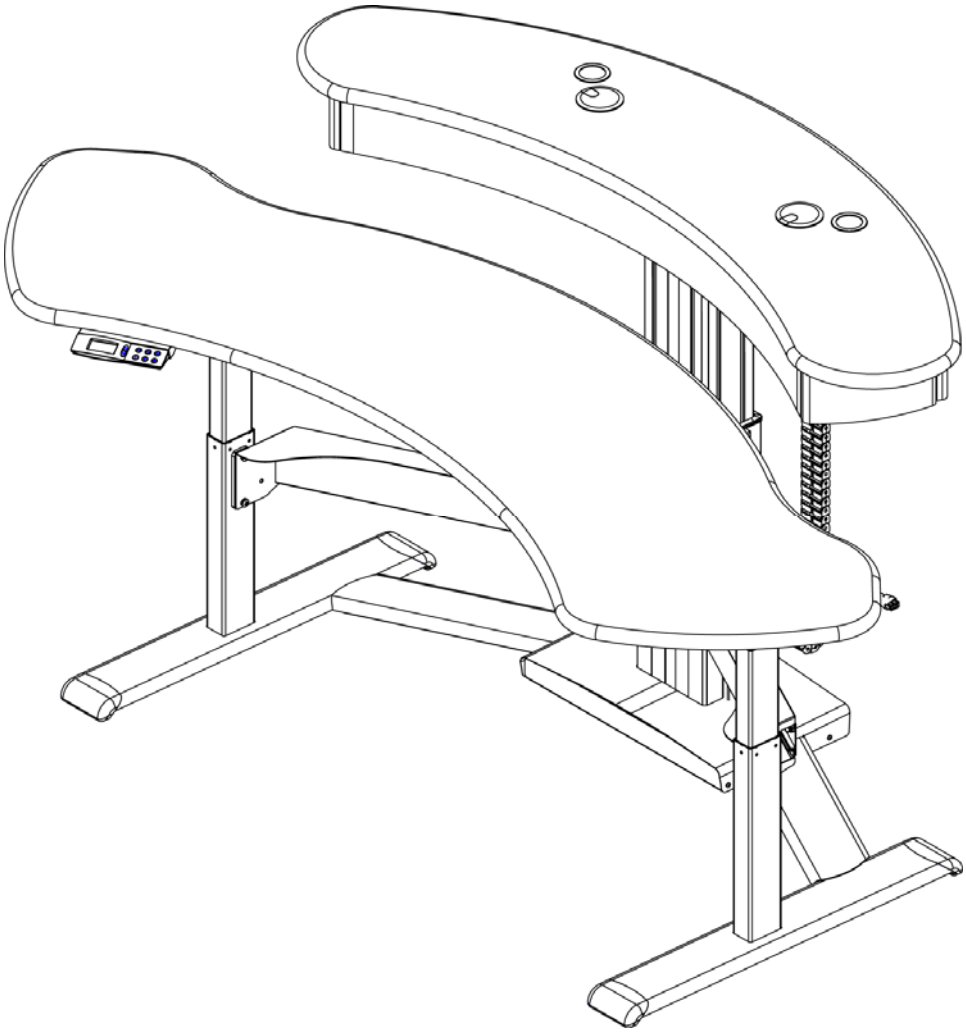
Eaton® Profile® Genesys™ Dual-Lift Ergonomic Workstation G110 and G111 Series

90° and 120° Dual-Lift Ergonomic Workstations

Installation Guide



Powering Business Worldwide

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About this Guide

This document describes how to install the Profile® Genesys™ Dual-List Ergonomic Workstation. The Profile Genesys Workstation is an ergonomic solution designed for command and control environments such as Emergency Operations Centers, Network Operations Centers, Process Control Environments, Medical Imaging Reading Rooms, and more.

Audience

This document is intended for installers and/or qualified personnel who are installing the Profile Genesys Dual-Lift Ergonomic Workstation.

General Conventions

Before you start the installation process, it is important to understand the conventions used in this publication.

Convention	Meaning
Bold type	Indicates notes, cautions or warnings that provide important information. Failure to follow these warnings may cause personal injury and/or product damage.
Italic type	Indicates titles of publications or information that the user must supply, such as filenames (if applicable).
Underlined type	Underlined type indicates links (if applicable).
1. Numbered lists	Indicates procedures that you must follow in a sequential order.
ACRONYMS	Acronyms are defined at the first occurrence in the document. The acronym definition appears first followed by its acronym in parenthesis. For example: electrostatic discharge (ESD).
	CAUTION: Failure to comply with safety standards in handling the equipment could result in the risk of electric shock.
	IMPORTANT: Refer to your manual for additional information such as important operating and maintenance instructions.

Documentation

This document can be obtained from our website at http://www.wrightline.com by following this procedure:

1. Click on the “Library” icon.
2. Click on the “Installation Manuals” link, and then select the “Command/Control” option.
3. Under the “Command/Control” section, click on the “Profile Advanced Console System” option.

For additional, related information pertaining to this product, refer to these manuals located in the Command/Control Installation Manual section of the Wright Line website.

This Document…	**Includes this information.**
Profile Genesys Ergonomic Workstation Operator’s Manual	Instructions on how to program, operate, and troubleshoot the workstation.
Profile Flat Panel Console System Installation Manual	Additional installation instructions on ergonomic workstations.
DeskPower DB4/DL4 Systems Installation Manual	Mounting and operation of control box and desk panel equipment.
Motor-Control for Height-Adjustable Desks Installation Manual	Installation, start-up, and operation instructions for the Motor-Control box for height-adjustable desks.
DESKLINE DL2 and CBD4, CBD5, CBD6 Systems User Manual	Mounting the control box and electrical connection of the lift and control box.

Chapter 1 Before you Begin

Introduction

The Profile Genesys Dual-Lift Ergonomic Workstation is an ergonomic solution designed for command and control environments such as Emergency Operations Centers, Network Operations Centers, Process Control Environments, Medical Imaging Reading Rooms, and more. This workstation solution accommodates all computing, networking, and electrical cabling required in a modern command and control environment. The dual lift surfaces allow users to adjust their working postures to comply with the most current ergonomic recommendations. The rear surface and user surface are electronically and independently adjustable.

This document describes how to install the Profile Genesys Dual-Lift Ergonomic Workstation in a work environment.

CAUTION: To prevent personal injury and product damage, it is strongly recommended that the unpacking, moving, and assembly processes be performed by two or more people.

Important Safety Information

Please follow these safety guidelines as you unpack, move, and assemble the components of the workstation. Adherence to these guidelines will prevent personal injury and potential product damage.

- When lifting units, there should be at least one person for every 40 lbs. of weight to be lifted.
- Do not, under any circumstance, stand on the Profile workstation.
- Do not stand on Profile workstations to load monitors.

Site Preparation

It is the customer's responsibility to clear and prepare the site before installing the workstation. Generally, site preparation includes the following actions, which are provided as a guideline only and not intended as a complete list of site preparation tasks.

- Access to site drawings to determine where workstation will be installed
- Clear the area to accommodate the workstation
- Tape off the floor where workstation is going to be installed
- Ensure that power requirements are met

In this Chapter

Refer to the following table for information on a specific topic.

Topic	See Page #
Important Safety Information	1
Site Preparation	1
Tools you Will Need	2
Fasteners you Will Be Using	2
Washers and Grommets you Will Be Using	3

Before you Begin

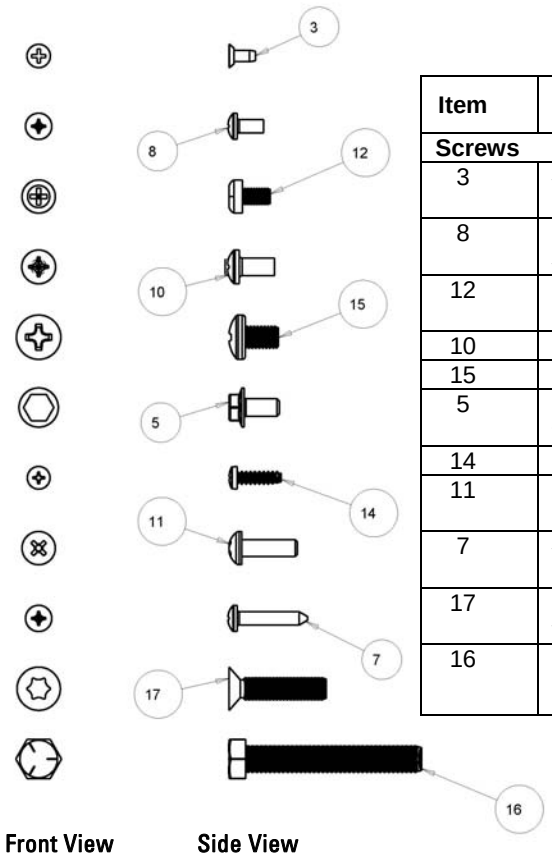
Tools you Will Need

The following tools are required to successfully install the workstation.

- Common installation tools
- 3/8” socket
- TORX driver for M8x36 flathead screws
- #1 and #2 Phillips head screwdriver
- Powered driver
- Spirit (bubble) level
- Hole saw, 2-1/2” diameter
- 11/16” nut driver (or socket wrench)
- 5/8” nut driver (or socket wrench)
- 5/32” Allen wrench
- 1-3/8” open end wrench (for leveling glide adjustment)
- Phillips head screwdriver
- Rubber mallet

Fasteners you Will Be Using

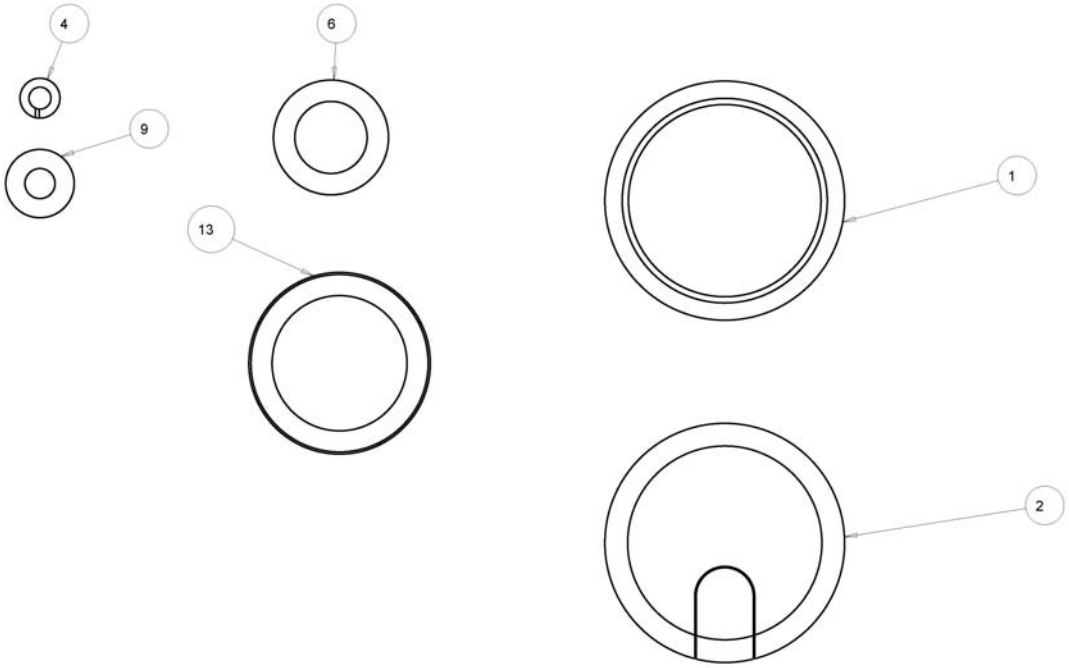
Following is an illustration of the fasteners and screws that are provided in the Lift assembly box (provided in kit labeled PROKIT43-thru-PROKIT46). Front and side views are shown. For a complete list of parts, refer the section, “Unpack the Box Contents” in Chapter 2.



Item	Description	Part Number
Screws		
3	#8-32 x 3/8” flathead, thread cutting screw	18618
8	Pan head thread form screw #10-32 x 3/8”	66714
12	M6 x 10mm Phillips pan head screw	91503
10	1/4-20 x 1/2” pan head screw	83105
15	Phillips pan head screw	97409
5	1/4-20 x 1/2” hex washer thread form	54348
14	Phillips pan head screw	97408
11	M6 x 20MM Phillips pan head screw	85234
7	#10A x 1” Phillips pan head screw	62071
17	M8x36 flathead Torx (supplied with DL2 by LINAK)	N/A
16	Hex head, 3/8-16 x 2.5” bolt	98129

Washers and Grommets you Will Be Using

Following is an illustration of the washers and grommets that are provided in the Lift assembly box (provided in kit labeled PROKIT43-thru-PROKIT46). Front and side views are shown. For a complete list of parts, refer the section, “Unpack the Box Contents.”



Item	Description	Part Number
Washers and Plugs		
4	Lock washer, helical	18950
9	3/8” W Series washer	82785
6	1.5” hole plug	60906
13	Heyco Snap bushing	97492
Grommets		
1	Grommet, base	94174
2	Grommet, top	94175

Chapter 2 Pre-Installation Preparation and Planning

This chapter describes the preparation and planning involved prior to installing the Profile Genesys Dual-Lift Ergonomic Workstation.

Prerequisites

The core-to-core assembly must be complete before the ergonomic workstation installation can occur. For instructions on how to install the core-to-core assembly, refer to the *Profile Flat Panel Console System Installation Manual* at our website*, http://www.wrightline.com*.

IMPORTANT: Build the workstation independent from the core. Once the core assembly is complete, then the fully-assembled workstation can be aligned with the core per the instructions in this manual.

Installation Overview / Checklist

The following checklist is intended to be a quick reference to ensure all hardware components of the Profile Genesys Dual-Lift Ergonomic Workstation are installed in the proper order. For further information on any of these steps, refer to the detailed instructions in the corresponding section of this manual.

Topic	Refer to..
Install the Rear Lift Column Assembly	10
Install the Front Lift Column Assembly	12
Install the Rear Surface and Trim Panels	20
Install the User Surface and Components	25
Installation Options for the G111 Series	33

Tools you Will Need

Refer to the tools listed in Chapter 1 to properly install the workstation.

Fasteners you Will Be Using

Refer to Chapter 1 for a list of fasteners you will be using to install the workstation.

In this Chapter

Refer to the following table for information on a specific topic.

Topic	See Page #
Prerequisites	5
Installation Overview / Checklist	5
Tools you Will Need	5
Fasteners you Will Be Using	5
Unpack the Box Contents	6
Workstation Components	7
Lifts Covered in this Manual	8

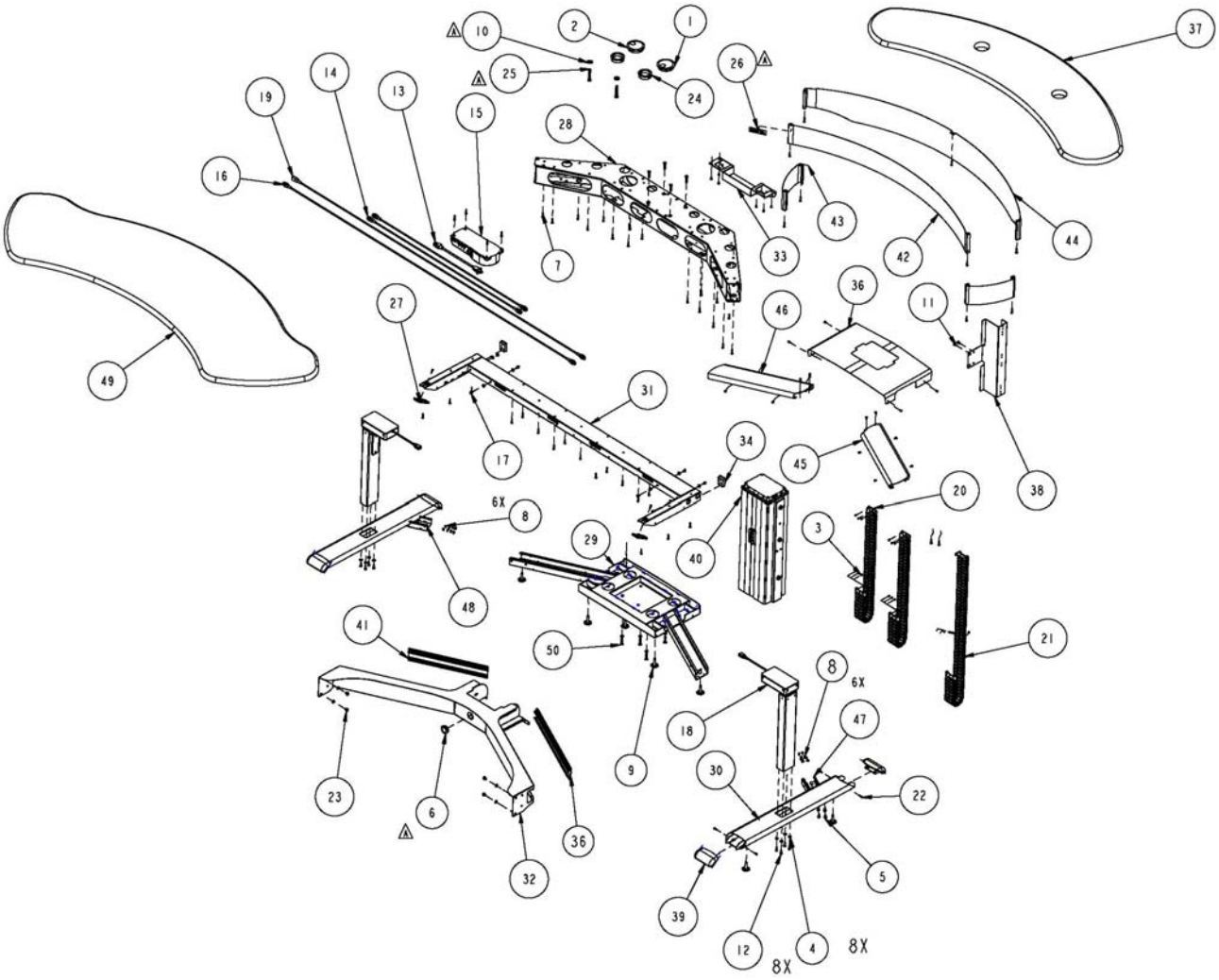
Unpack the Box Contents

Before you begin the installation and assembly process, ensure that the following parts are included in your shipment. Refer to the illustration on the next page for a diagram of all system components included in the PROKIT46 assembly (60" x 60" workstation). If any parts are missing, then contact Technical Support at to.support@eaton.com.

Item	Part	Qty	Part Number
	Profile Dual Genesys Lift (varies based on model)	1	See P/Ns List
1	Base, Grommet	2	94174
2	Top, Grommet	2	94175
3	Screw #8-32 x 3/8" Flathead Thread Cutting	15	18618
4	Washer, Lock, Helical	24	18950
5	Screw, ¼-20x1/2 Hex Washer HD	8	54348
6	Hole Plug, 1.5"	1	60906
7	Screw, #10A x 1.00 Phillips Pan Head	49	62071
8	Screw, Pan Head Thread Form	38	66714
9	Leveler	10	68435
10	Washer – 3/8" W Series	2	82785
11	Screw, ¼-20 x ½" Phillips Pan Head	2	83105
12	Screw M6 x 20MM Phillips Pan Head	8	85234
13	AC Power Cord 3m	1	89630
14	Motor Control Cable, 1000mm (39")	2	89631
15	LINAK CBD4 – 3 Lift, 120Vac	1	90066
16	Motor Control Cable, 2000mm (78")	1	90071
17	Screw – M6 x 10MM Phillips Pan Head	8	91503
18	LINAK, DL6 Desklift, 1200N (270 lb)	2	96241
19	Motor Control, Extension Cable	1	96779
20	E-Chain, 41 Links	2	97352
21	E-Chain, 53 Links	1	97362
22	Screw, Phillips Pan Head	10	97408
23	Screw, Philip Pan Head	4	97409
24	Bushing – Heyco Snap	2	97492
25	Bolt, Hex Head, 3/8-16 x 2.5	2	98129
26	Label – Eaton Profile	1	98137
27	Top Cap Compass Foot	2	17706X
28	WLD, Beam Support	1	20040X
29	WLD, Base	1	20041X
30	WLD, Foot, DL6	2	20107X
31	WLD, Frame, User Deck	1	Varies
32	WLD, Lower Frame	1	Varies
33	Bracket, Cable Chain Mounting	1	20546X
34	End Cap	2	1554X
35	Plastic Cover	1	20756X
36	Base Support Cover	1	20042X
37	Flat Panel Display Deck Workstation	1	Varies
38	Bracket, 17 Power Strip Mount	1	21355X
39	Toe Cap – Next Generation	4	21356X
40	Assembly, LINAK, DL2	1	22118X
41	Plastic Cover	1	22650X
42	Front Cover, Rear Surface	1	21614X
43	Side Cover, Rear Surface	2	21615X
44	Rear Cover, Rear Surface	1	21616X
45	Cover, Leg, Right	1	Varies
46	Cover, Leg, Left	1	Varies
47	Attachment Bracket, Right	1	22156X
48	Attachment Bracket, Left	1	22157X
49	Workstation, 90-48x42x48, User Surface	1	Varies
50	Screw supplied with DL2 by LINAK	8	N/A

Workstation Components

The following diagram illustrates all components that are included in the Profile Genesys Dual-Lift Ergonomic Workstation shipment. Refer to the table on the previous page for a description and quantity of each component.



Lifts Covered in this Manual

The following table lists the Profile Genesys Ergonomic Lifts that are covered in this manual.

Part	Part Number
Dual 48” x 48”, 90º Core Only	G110C4848-A
Dual 48” x 48”, 90º Core Only, Tilt Keyboard	G111C4848-A
Dual 48” x 48” 90º, Stand Alone	G110B4848-A
Dual 48” x 48” 90º, Tilt Keyboard, Stand Alone	G111B4848-A
Dual 60” x 60”, 90º	G110A6060-A
Dual 60”x 60”, 90º Tilt Keyboard	G111A6060-A
Dual 72” x 72”, 90º	G110A7272-A
Dual 72” x 72”, 90º, Tilt Keyboard	G111A7272-A
Dual 30” x 30” x 30”, 90º, Stand Alone	G110B303030-B
Dual 30” x 30” x 30”, 90º, Tilt Keyboard, Stand Alone	G111B303030-B
Dual 30” x 30” x 30”, 90º, CO	G110C303030-B
Dual 30” x 30” x 30”, 90º, Tilt Keyboard, Core Only	G111C303030-B
Dual 30” x 36” x 30”, 90º	G110A303630-B
Dual 30” x 36” x 30”, 90º, Tilt Keyboard	G111A303630-B
Dual 36” x 36” x 36”, 90º	G110A363636-B
Dual 36” x 36” x 36”, 90º, Tilt Keyboard	G111A363636-B
Dual 42” x 42” x 42”, 90º	G110A424242-B
Dual 42” x 42” x 42”, 90º, Tilt Keyboard	G111A424242-B
Dual 48” x 42” x 48”, 90º	G110A484248-B
Dual 48” x 42” x 48”, 90º, Tilt Keyboard	G111A484248-B
Dual 48” x 48”, 120º, Core Only	G110C4848-C
Dual 48” x 48”, 120º, Tilt Keyboard, Core Only	G111C4848-C
Dual 48” x 48”, 120º, Stand Alone	G110B4848-C
Dual 48” x 48”, 120º, Tilt Keyboard, Stand Alone	G111B4848-C
Dual 60” x 60”, 120º, Core Only	G110C6060-C
Dual 60” x 60”, 120º, Tilt Keyboard, Core Only	G111C6060-C
Dual 60” x 60”, 120º, Stand Alone	G110B6060-C
Dual 60” x 60”, 120º, Tilt Keyboard, Stand Alone	G111B6060-C

Chapter 3 Installing the Dual-Lift Workstation

Introduction

This chapter describes how to install the components of the dual-lift workstation. Installation tasks include the following:

- Installing the rear lift column assembly
- Installing the front lift column assembly
- Leveling assembled components
- Installing the rear surface and trim assembly
- Installing user surface and components
- Installing optional modules (if applicable)

In this Chapter

Refer to the following table for information on a specific topic.

Topic	See Page #
Install the Rear Lift Column Assembly	10
Attach Lift Column to Base Assembly	10
Install the Front Lift Column Assembly	12
Attach Leg Assembly to Feet	12
Attach Leg Assemblies to Base	13
Attach Leg and Base Support Covers	14
Level Assembled Components	16
Attach Lower Frame	17
Attach Workstation Support	19
Install the Rear Surface and Trim Assembly	20
Attach Rear Surface Support Beam	20
Attach Center Column Cable Chains	21
Drill Holes for Flat Panel Display Supports	22
Attach Rear Surface Trim Panels	23
Attach Rear Surface	24
Install the User Surface and Components	25
Attach User Surface	25
Check and Adjust Workstation to Maintain Proper Spacing	26
Attach Left Cable Chain to User Surface	27
Attach Lift Column Control Box and Operator Control Pad	28
Route Cables	29
Install the Rear Cover	31
Initialize the System	32
Install Options for the G111 Series (if applicable)	33

Installing the Ergonomic Workstation

Install the Rear Lift Column Assembly

Follow these procedures to assemble the rear lift column assembly.

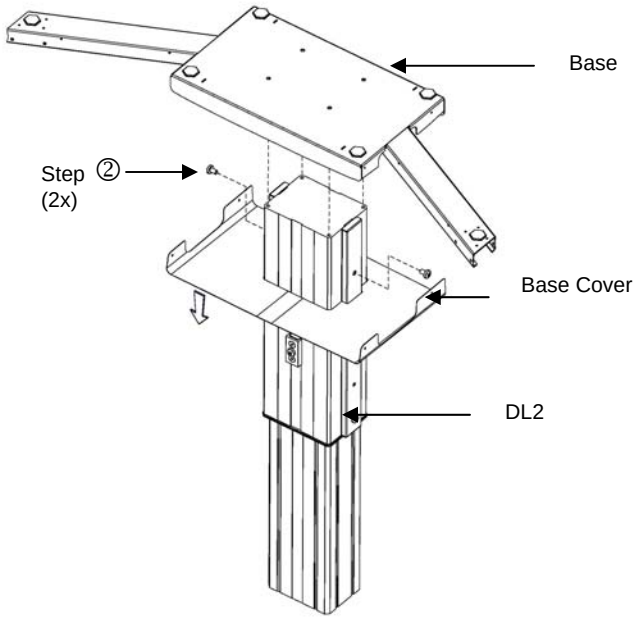
Attach Lift Column to Base Assembly

Follow these instructions to attach the rear lift column to the base.

NOTE: This procedure requires a team of two people to support and stabilize the lift column and base until the fasteners are secure and the assembly is resting on the base.

Raise the leveling feet on the base cover to 3/4" before you begin the assembly process.

1. Turn the lift column upside down as shown in the illustration below.



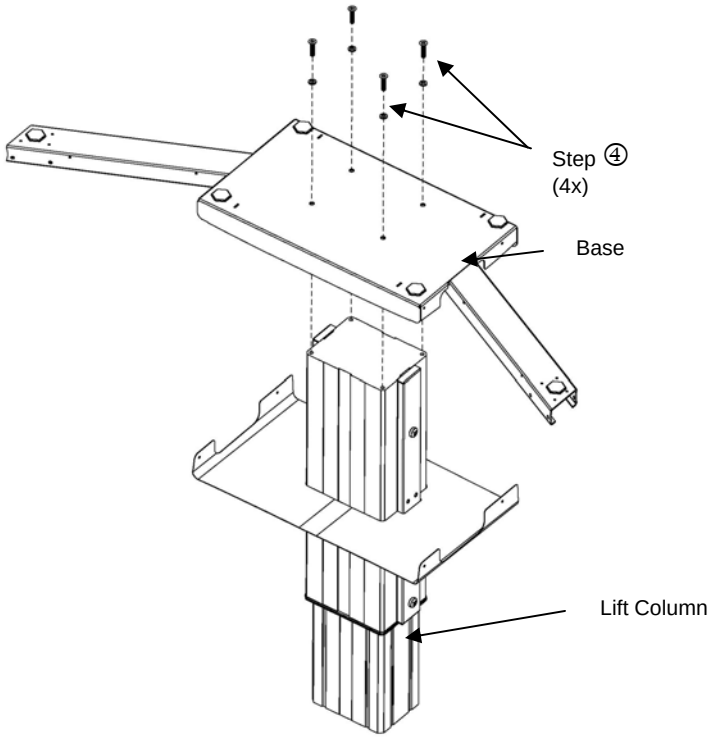
Front of Lift Shown

2. Remove the two screws as shown and retain for later use.

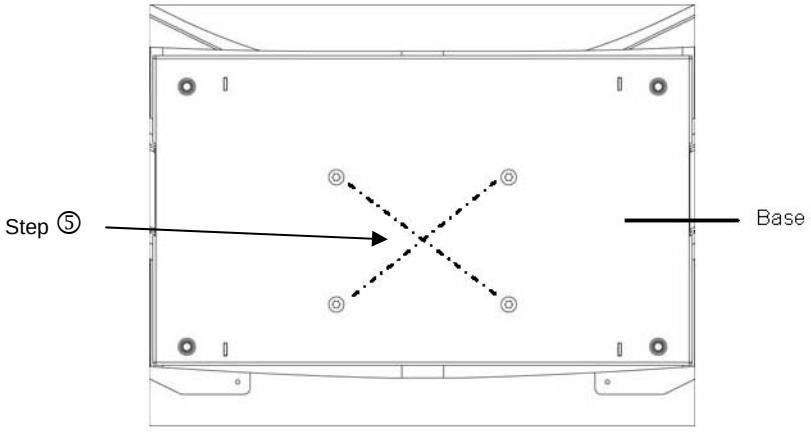
3. Slide the base cover over the lift column as shown above.

4. Hold the lift column in a vertical position and align the four holes on the base with the holes on the DL2 lift column. Using the four lock washers (18950) and four TORX M8x35 flathead screws, loosely attach the base to the lift column as shown in the following illustration.

NOTE: Keep the assembly vertical at all times. Do not fasten base cover at this time.



5. Tighten the screws in an X pattern as shown below, being careful not to over-tighten. The lift column is made of aluminum and the screw holes are susceptible to being easily stripped.



6. Flip over the assembly so that the base rests on the floor. Move and position the assembly close to the final installation location.

The rear lift column assembly is complete. Proceed to the next section for instructions on installing the front lift column assembly.

Install the Front Lift Column Assembly

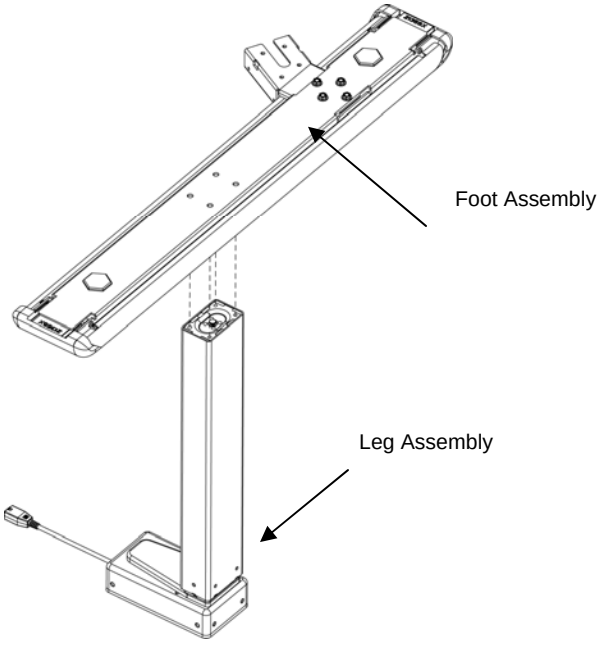
Follow these procedures to install the front lift column assembly.

Attach Leg Assembly to Feet

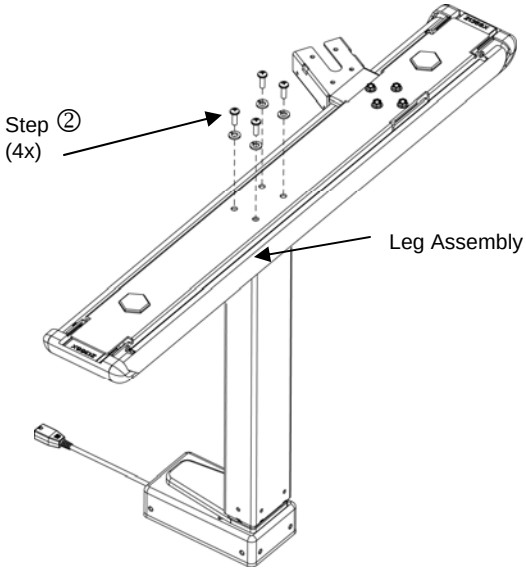
Follow these instructions to attach the foot assembly (left and right) to its respective DL6 leg assembly (left and right). **NOTE:** The foot bracket and the top of the leg assembly must both be oriented to its respective foot - left with left and right with right.

NOTE: Make sure the levelers are extended at least 3/4" before you begin the assembly process.

1. Insert the right leg assembly into the right foot assembly as illustrated below.



2. Insert four M6 x 20MM Phillips pan head screws (85234) with four lock washers (18950) through the top of the right leg assembly and tighten as illustrated below.

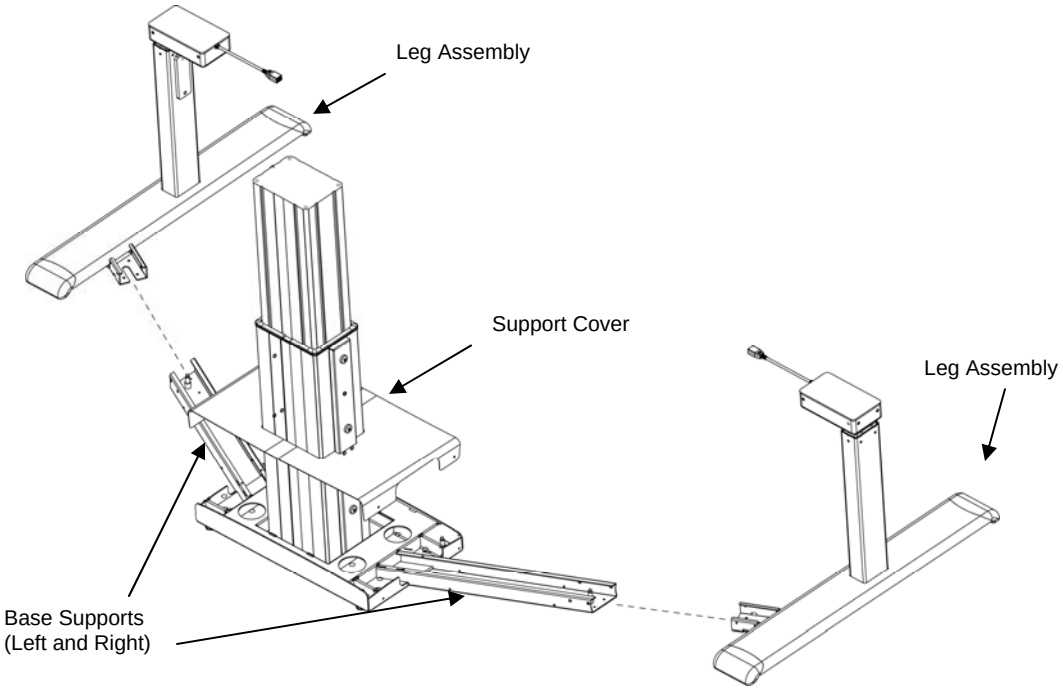


3. Repeat steps 1 and 2 with the left leg assembly and the left foot assembly (see illustration above).

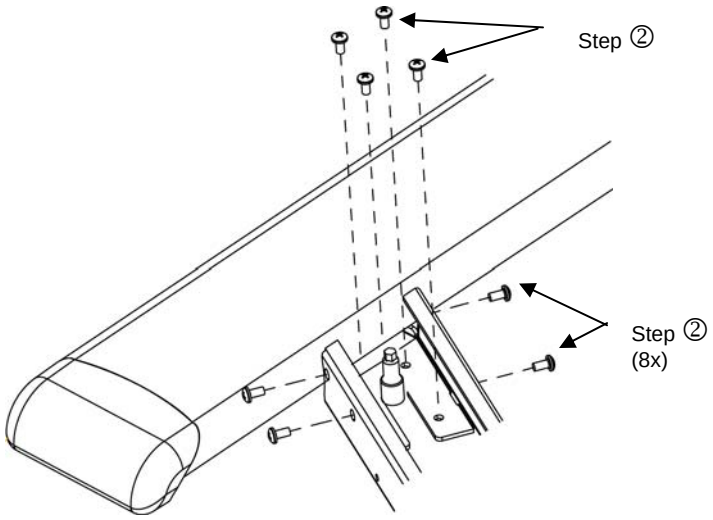
Attach Leg Assemblies to Base

Follow these instructions to attach the left and right leg assembly to its respective base support.

1. Align the right leg assembly with the right base support.



2. Insert eight Phillips head thread form screws (66714) and tighten as shown below.



3. Repeat step 1 to align the left leg assembly to the left base support.

4. Repeat step 2 to tighten the screws to the left leg assembly.

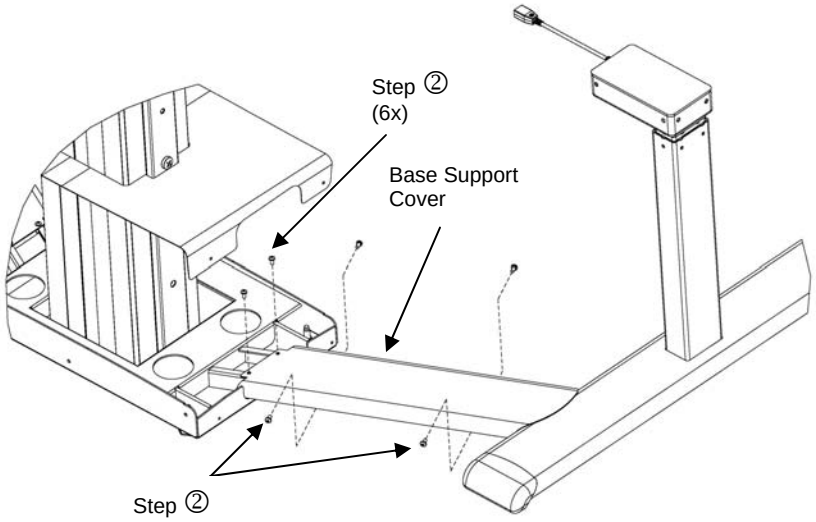
Attach Leg and Base Support Covers

Follow these instructions to attach the base support cover (left and right) to its respective base support (left and right).

1. Attach the base support cover to the right base support.

2. Insert and tighten six Phillips head thread form screws (66714) through the base support cover, securing the cover to the base support as illustrated below. Four of the Phillips head screws are located at the bottom of the cover and two at the top end as illustrated below.

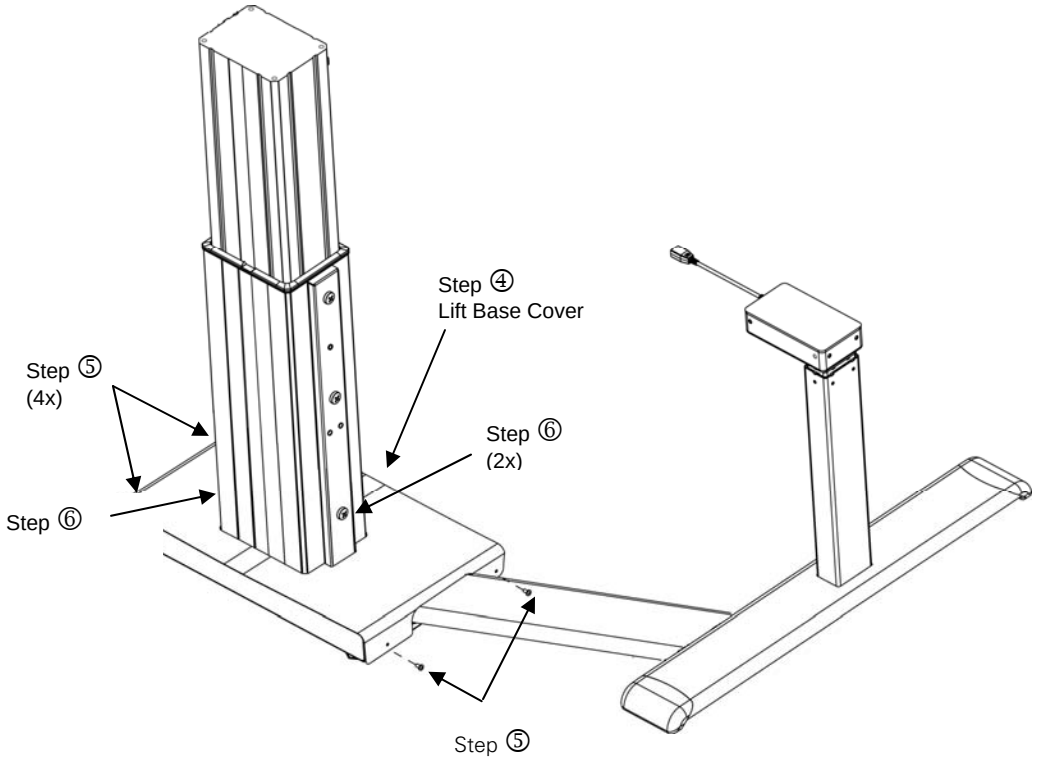
3. Repeat steps 1 and 2 to secure the left cover to the left base support as illustrated below.



4. Attach the lift base support cover to the base as shown in the illustration on the following page.

5. Insert four Phillips head thread form screws (66714) in the screw holes on the lift base cover and tighten (see the illustration below).

6. Re-install the two lift column screws you removed and retained earlier to the base as shown below.



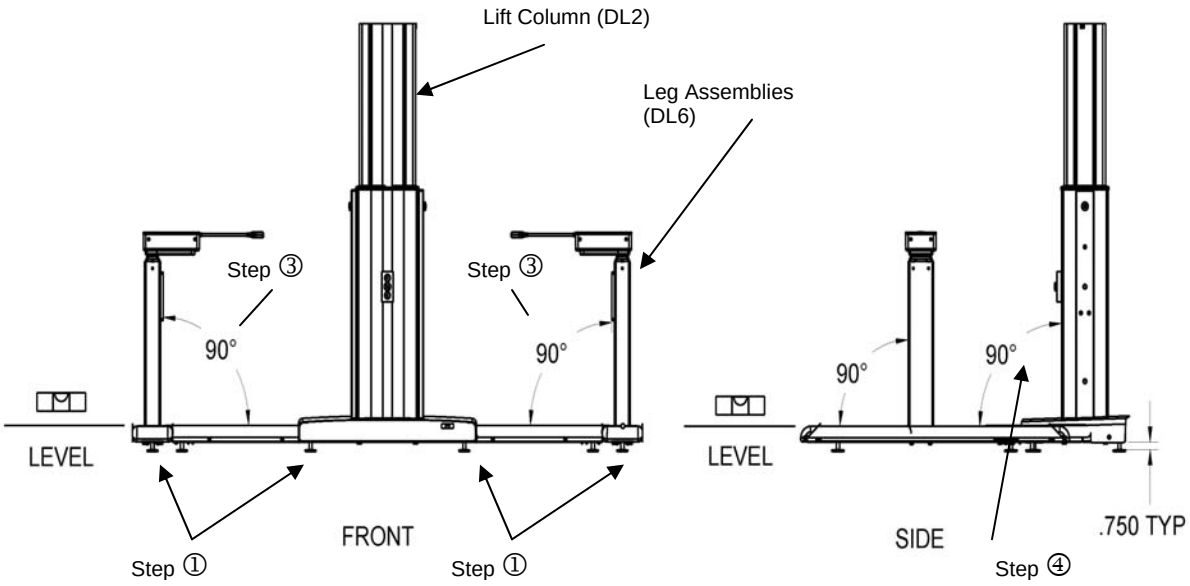
You have successfully attached the leg and base covers for the Profile Genesys Ergonomic Workstation. Proceed to the next section for instructions on leveling the assembled components.

Level Assembled Components

Follow these instructions and refer to the illustration below to level the components that have been assembled at this point, including the leg assemblies as well as the lift column.

WARNING: Failure to follow these instructions may result in improper installation and potential product damage.

1. Make sure the lift column base levelers are extended at least 3/4" prior to leveling.



2. Using a spirit level (bubble level) instrument, level the unit front to back as well as side to side as shown above.

3. Ensure that both leg assemblies (DL6) are plumb 90º to the base as illustrated above.

4. Ensure the lift column (DL2) is plumb 90º to the base as illustrated above.

IMPORTANT: Do not proceed to the next step until the product is completely level.

Attach Lower Frame

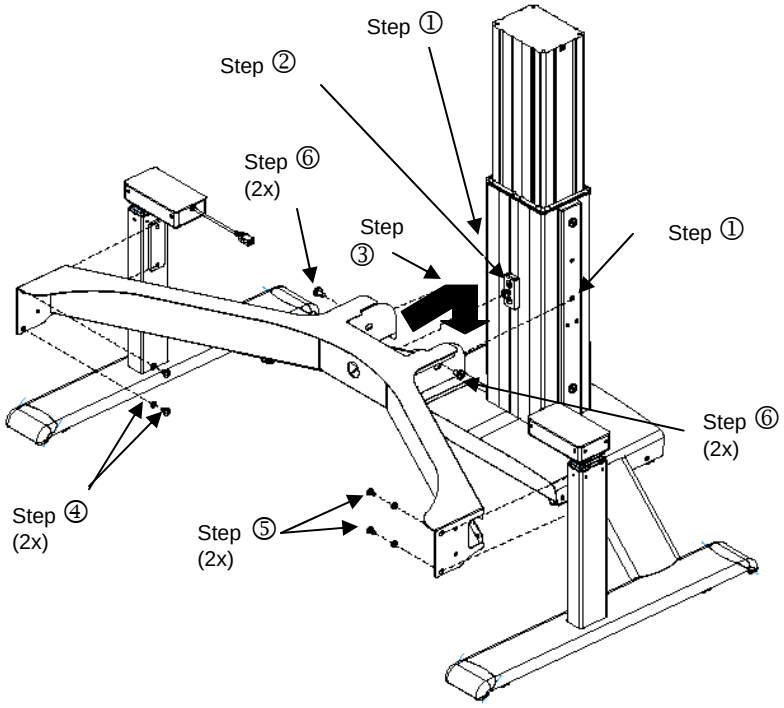
Follow these instructions and refer to the illustration below to attach the workstation support frame to the assembled components. It is very important to perform these instructions in the sequential order noted here; otherwise, failure to do so may result in personal injury or product damage.

CAUTION: To prevent personal injury and product damage, two or more people are required to perform the following procedure.

1. From the sides of the lift column, remove the two pre-installed Phillips screws (96983) as shown in illustration below.

2. On the middle front of the lift column, loosen the center pre-installed Phillips screw (96983) by approximately 0.125 inch.

IMPORTANT: Do not tighten any screws until the frame is level and aligned!



3. Hook the lower frame to the column using the loosened center support Phillips screw (96983).

4. At the left leg support, insert two Phillips machine screws (97409) and two lock washers (18950). Align edges square to the DL6 mounting plate.

5. At the right leg support, insert two Phillips machine screws (97409) and two lock washers (18950). Align edges square to the DL6 mounting plate.

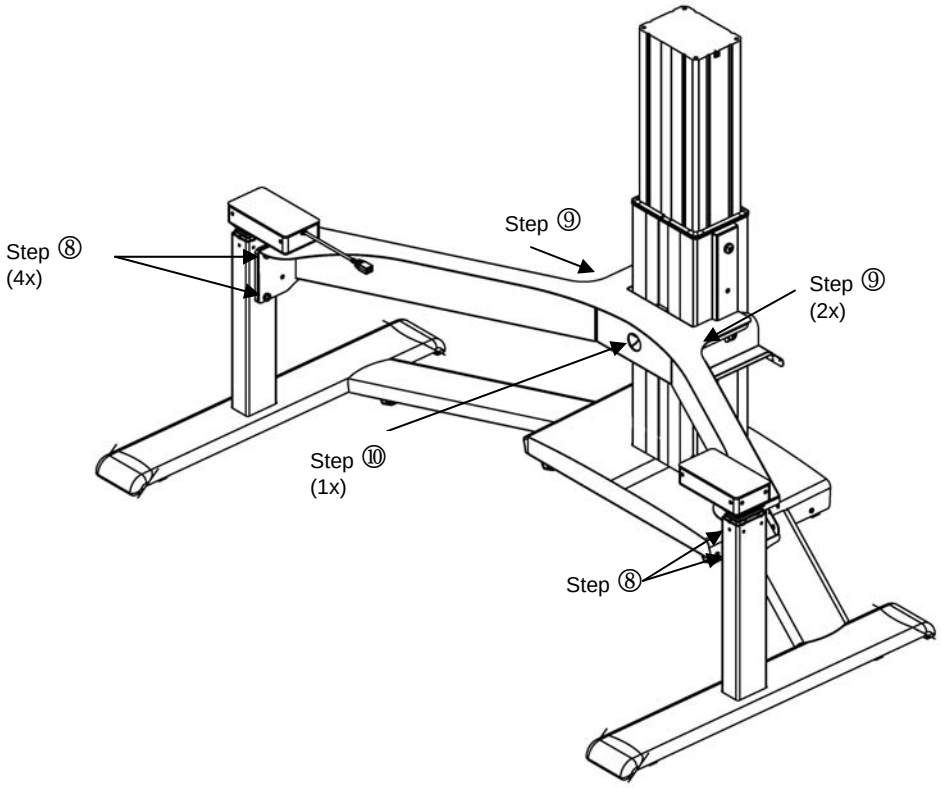
6. Insert two Phillips screws (96983) through the frame into the column.

7. Level and align the lower frame, then tighten all inserted screws in the sequence noted here and illustrated below.

8. Tighten four (4) screws on the leg assemblies (DL6).

9. Tighten two (2) side screws on lift column (DL2). Ensure unit is properly aligned, level and plumb 90 degrees to all lifts and legs.

10. Tighten one front screw on the lift column (DL2).



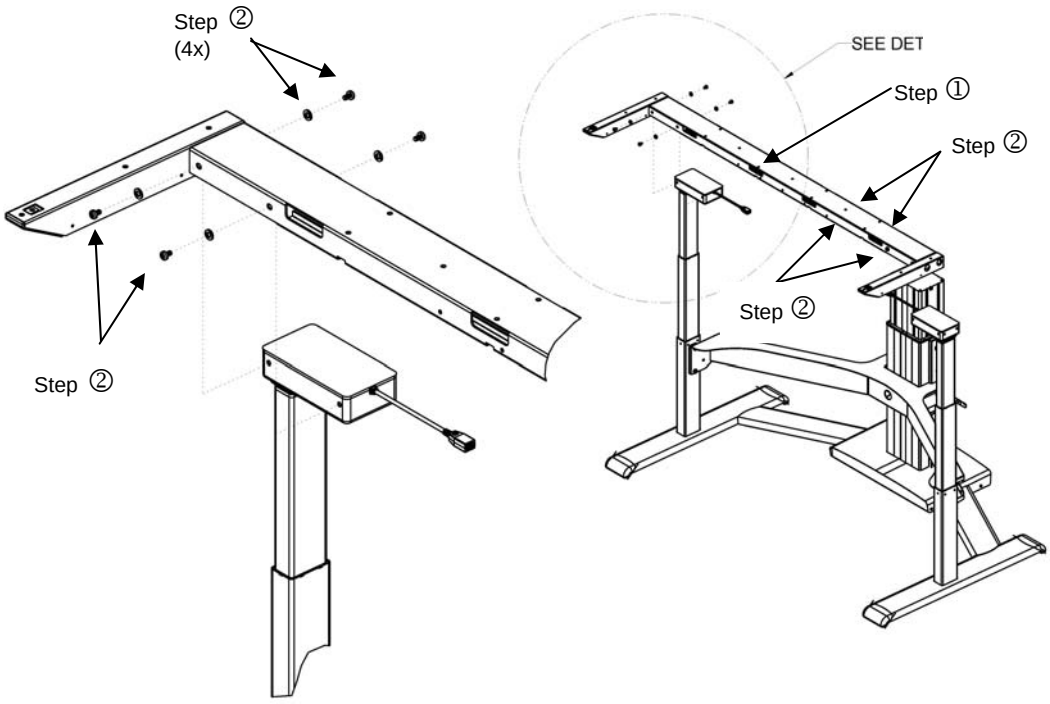
Attach Workstation Support

Follow these instructions and refer to the illustration below to attach the workstation support to the assembled components.

CAUTION: To prevent personal injury and product damage, two or more people are required to perform the following procedure.

1. Align the workstation support over the left and right leg assemblies.

2. Using four lock washers (18950) and four Phillips head screws (91503) per side – two sets in the front and two sets in the rear – loosely attach the support to the top of each leg.



Detail Shown

3. Level the support, then align to the top of each leg and tighten the eight (8) screws that were inserted in step 2. See illustration above.

Install Rear Surface and Trim Assembly

Follow these instructions to install the rear surface and trim assembly.

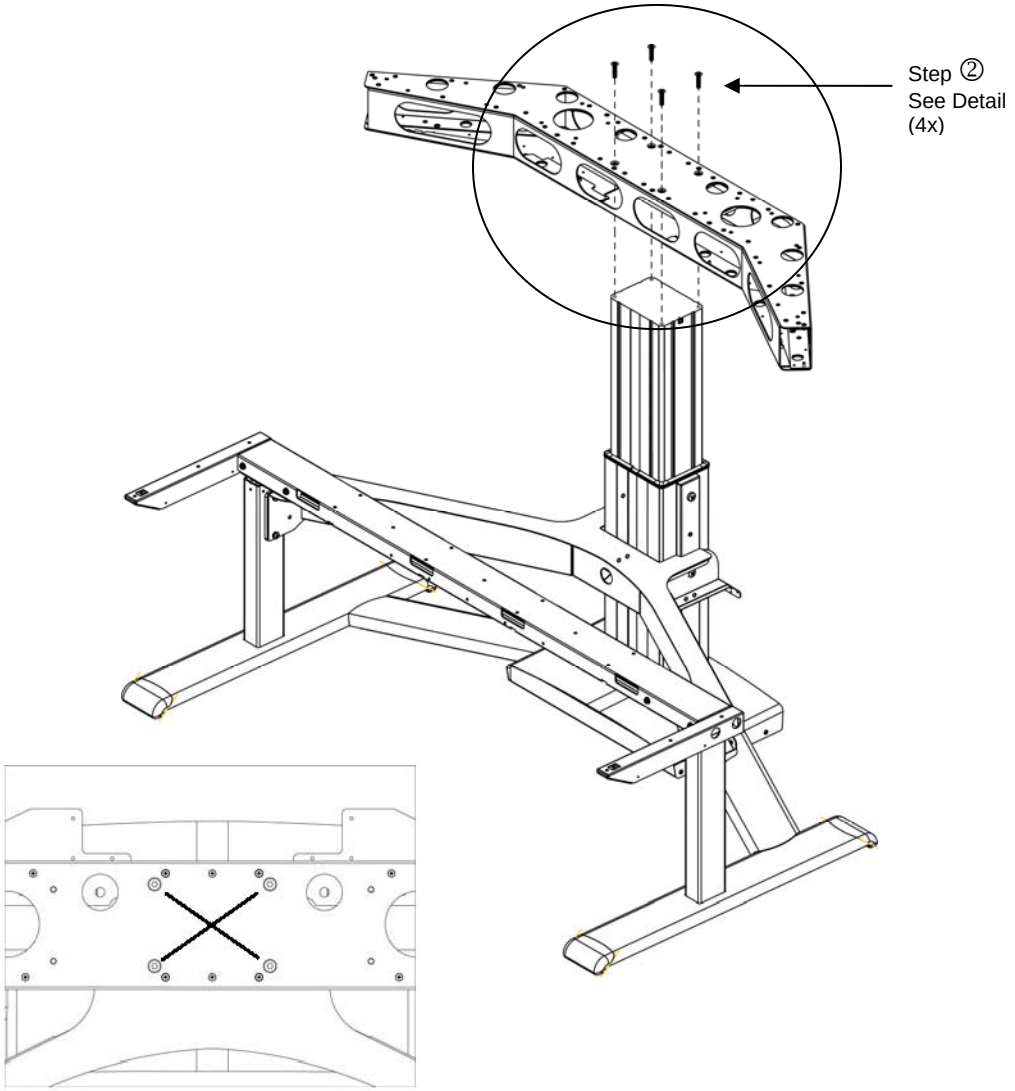
Attach Rear Surface Support Beam

Follow these instructions and refer to the illustration below to attach the rear surface support frame.

NOTE: This procedure requires a team of two people to align the beam and stabilize it until the fasteners are secure.

1. Align the rear surface support beam over the top of the lift column.

2. From above the beam, insert four TORX M8x35 flathead screws through the beam into the lift column and tighten. **NOTE:** Cross-tighten the screws in an X pattern (as shown in the detail view below), being careful not to over tighten.

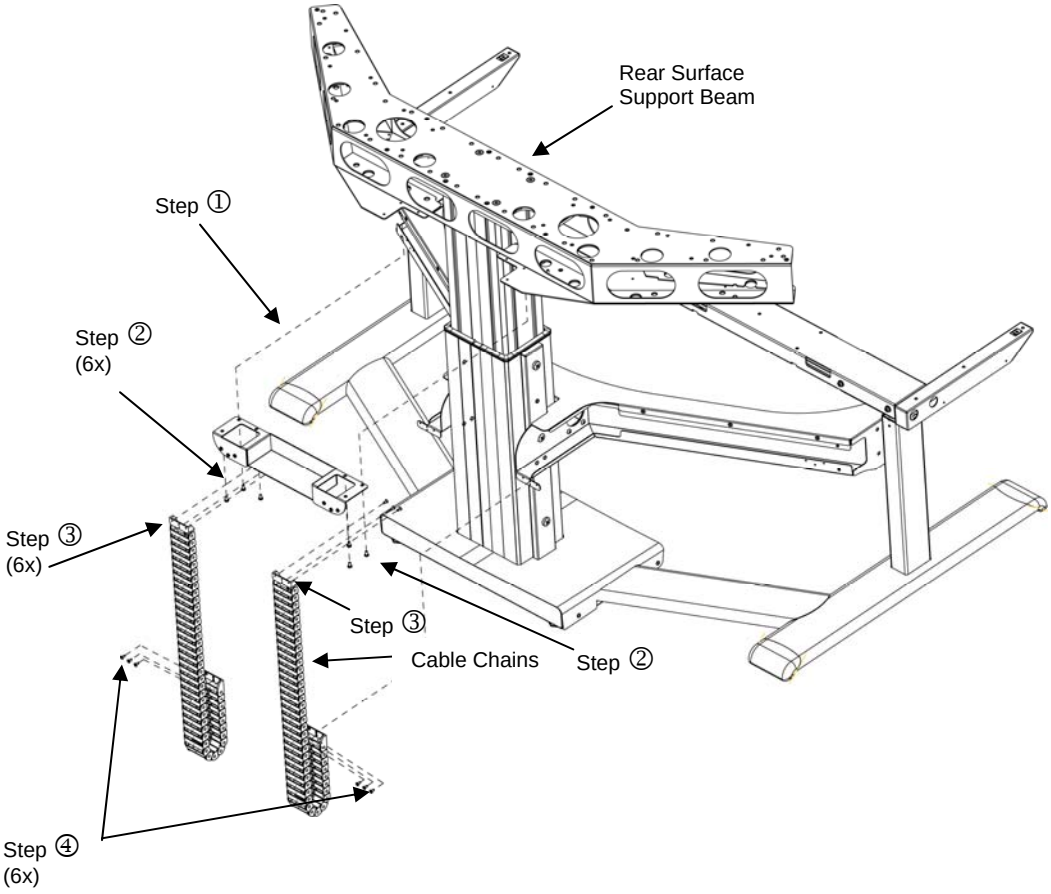


Detail Shown

Attach Center Column Cable Chains

Follow these instructions to attach the cable chain bracket and chains.

1. Place the cable chain support bracket to the bottom rear of the rear surface support beam.



2. From underneath the beam, insert six Phillips thread form screws (66714) through the cable chain bracket into the bottom of the support beam and tighten to attach the support bracket to the rear surface support beam.

3. Attach the top of both cable chains to the rear of the support bracket using three Phillips head machine screws (18618) on each side and tighten.

4. Attach the bottom of both cable chains to the rear of the lower support frame using three Phillips screws (18618) on each side and tighten.

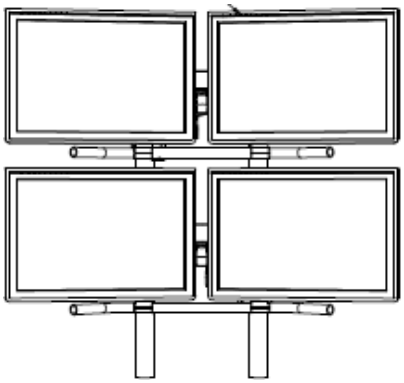
Installing the Ergonomic Workstation

Drill Holes for Flat Panel Display Support

Before completing this procedure, refer to the project-specific bill of materials (BOM) and CAD drawings for FPD mount configuration. Individual component installation / assembly instructions for bow arrays and Centris® Cup can be found on the website under their respective part numbers.

Based on the pole configuration and the number of FPDs being installed, refer to the table below and follow these instructions to drill the holes for the FPD support.

If You Are Installing this Flat Panel Display Configuration…	Then Drill 2-1/2" Diameter Hole Here.	See this Configuration in Figure Below
2 over 2 flat panel displays (see figure below)	6.00	A
3 over 3 flat panel displays 4 over 4 flat panel displays	14.15	B
5 over 5 flat panel displays	18.90	C

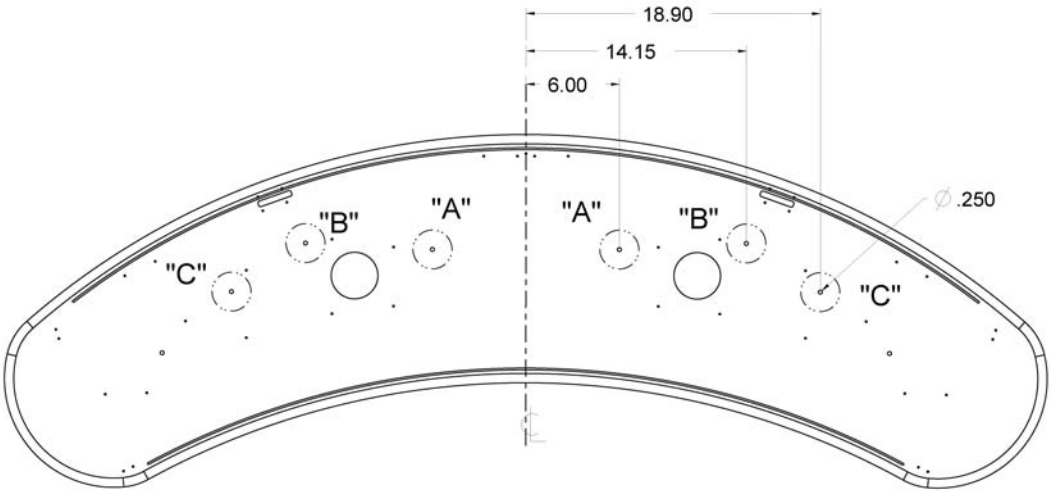


2 over 2 Flat Panel Displays Shown

Complete the following procedure to drill support holes in the rear surface.

1. Mark the correct existing pre-drilled pilot hole based on the flat panel display configuration noted in the table above. See the figure below for cutout locations.

2. From the bottom of the rear surface, drill two .250" pilot holes completely through the deck using a 1/4 (.250") inch drill.



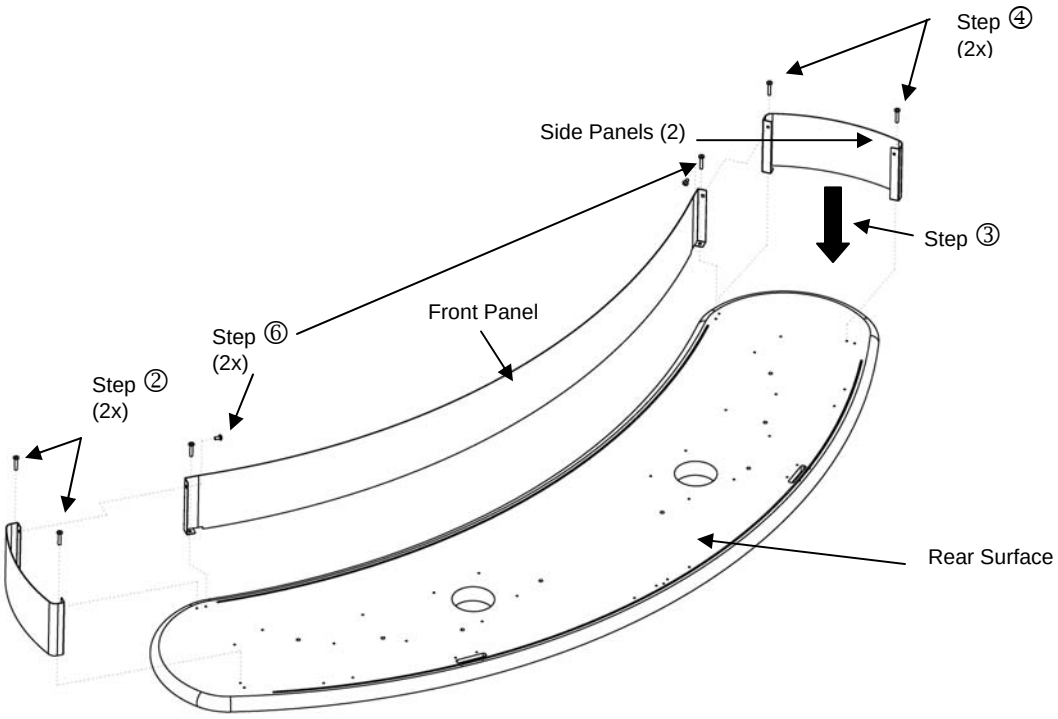
3. From the bottom of the rear surface, drill two holes to approximately .250” diameter through the bottom backer material. This will prevent chipping of backer material.

4. From the top rear surface, use the pilot holes to drill two 2.50” holes down through the laminate and completely through the deck using a 2-1/2” diameter hole saw.

Attach Rear Surface Trim Panels

Follow these instructions and refer to the illustration below to attach the rear surface trim panels.

1. From the bottom rear surface, insert the front curved panel (22163X or 21616X) into the slot in the bottom front of the deck.



2. Insert two Phillips wood screws (62071) through the panel into the rear surface and tighten.

3. From underneath the rear surface, insert a side curved panel (21615X or 22162X) into the slot in the bottom side of the surface as illustrated above.

4. Insert two Phillips wood screws (62071) through the panel into the surface and tighten.

5. Repeat steps 3 and 4 to attach the other side curved panel.

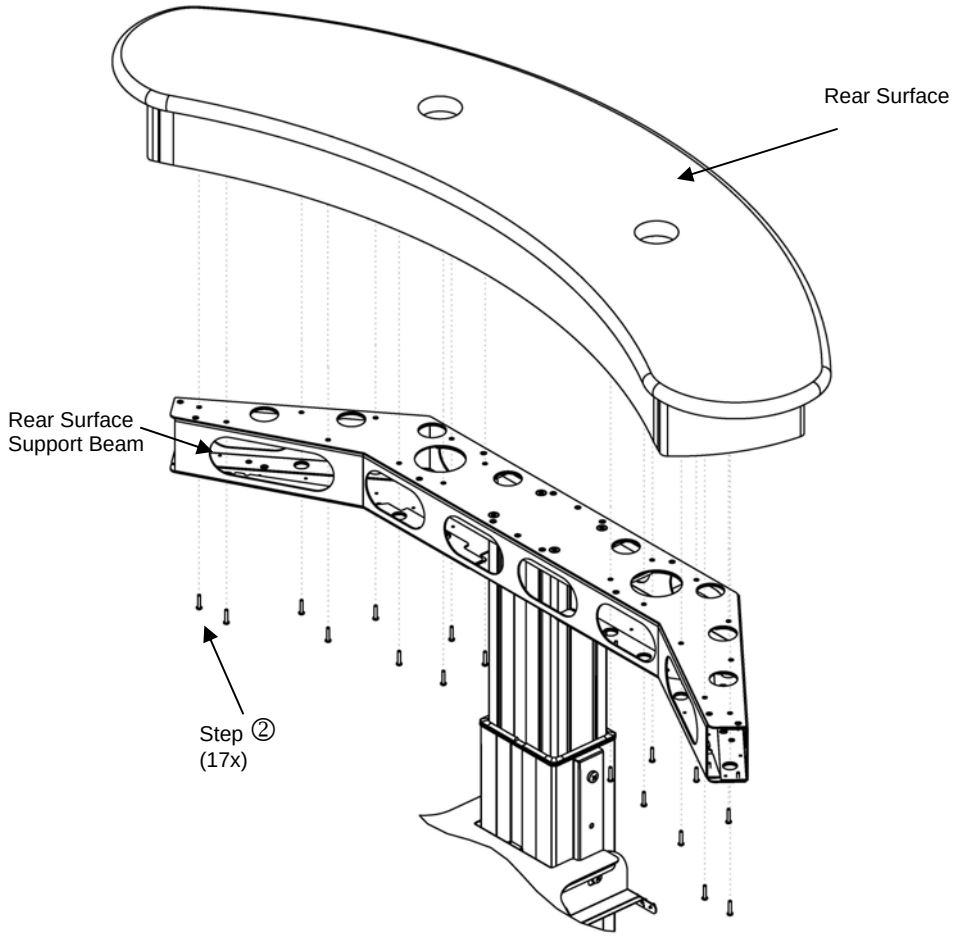
6. Install two (2) thread form (66714) #10-32 screws through front panel into both side panels.

Attach Rear Surface

Follow these instructions and refer to the illustration below to attach the rear surface to the rear surface support beam.

1. Align the rear surface above the rear surface beam using the flat panel display poles and/or grommet opening to help with alignment.

2. From the bottom of the rear surface, insert 17 Phillips head screws (62071) through the support beam into the bottom of the surface and tighten.



Install User Surface and Components

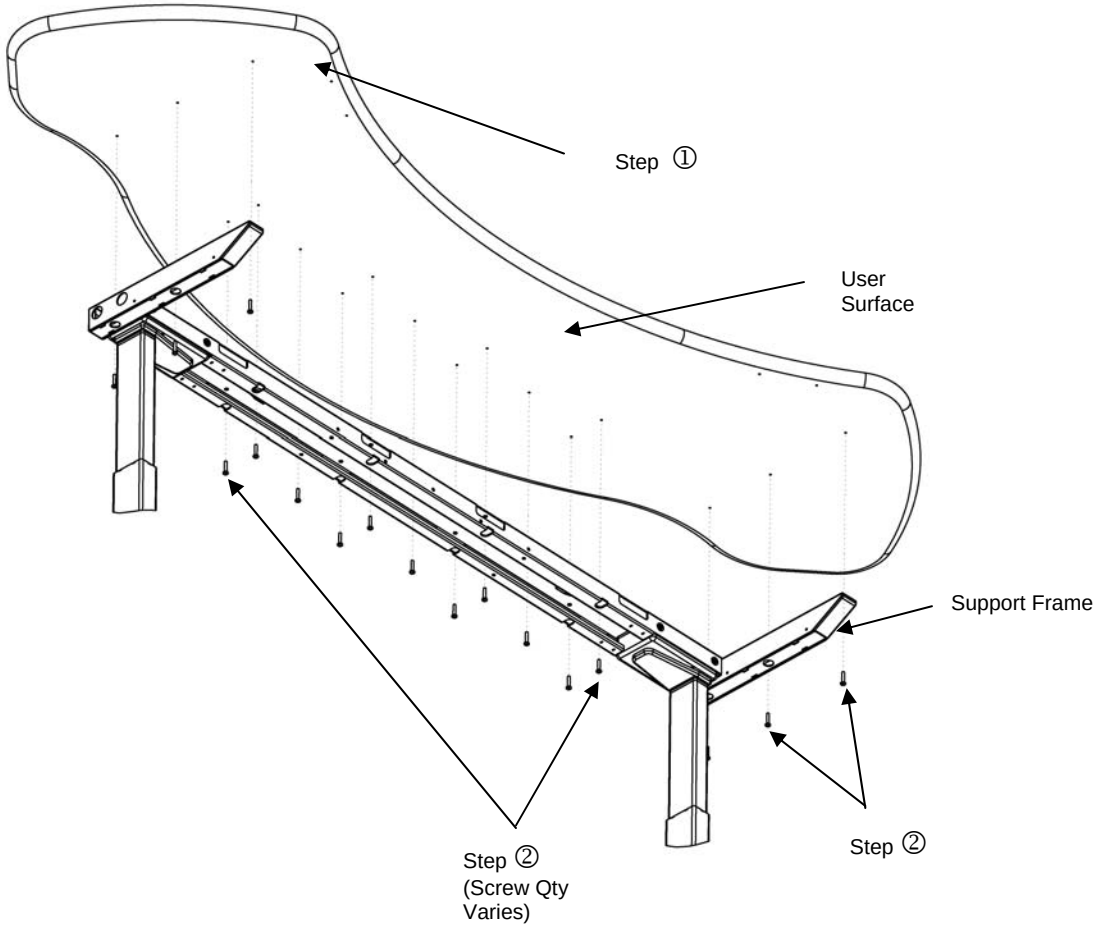
Follow these instructions to install the user surface and components.

Attach User Surface

Follow these instructions to attach the user surface to the support frame.

1. Align the pre-drilled holes in the bottom of the user surface with the openings in the support frame.

2. Insert the Phillips head wood screws (62071) and tighten. The number of screws may vary depending on the lift size.

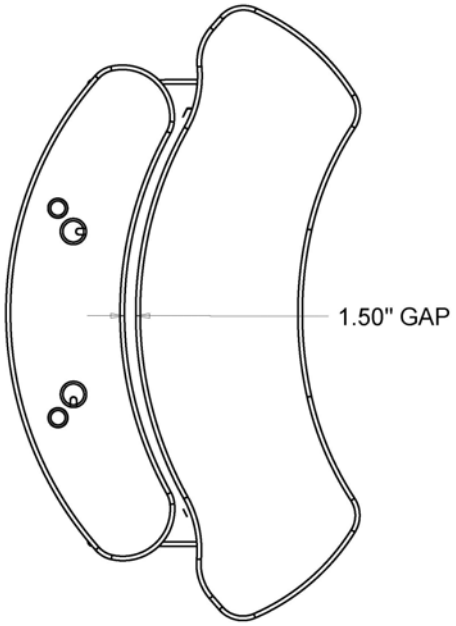


Check and Adjust Workstation to Maintain Proper Workstation Spacing

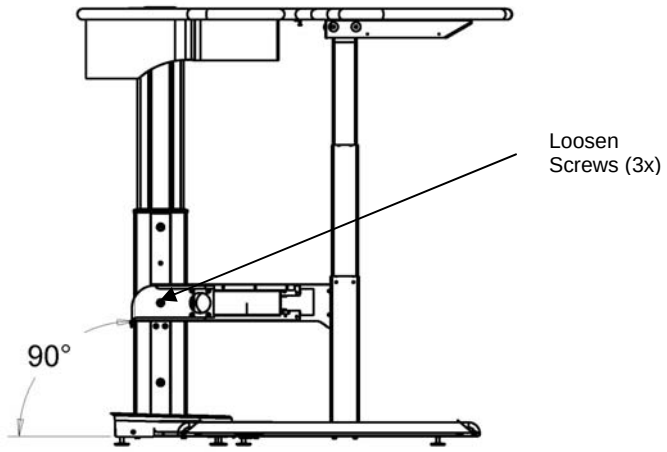
Follow these instructions to check and adjust the workstation setting (if necessary) to ensure proper spacing between the user surface and the rear surface of the workstation.

To check the spacing between the user and rear surfaces, do the following:

1. Extend the user and rear surfaces to their highest setting.
2. Measure the gap between the surfaces to be 1.5”.



3. If the gap is inconsistent, then check if the workstation is level.
4. If the unit is not level, then loosen the three rear lift (DL2) mid screws (2 side and 1 front) on the lower support as illustrated below.



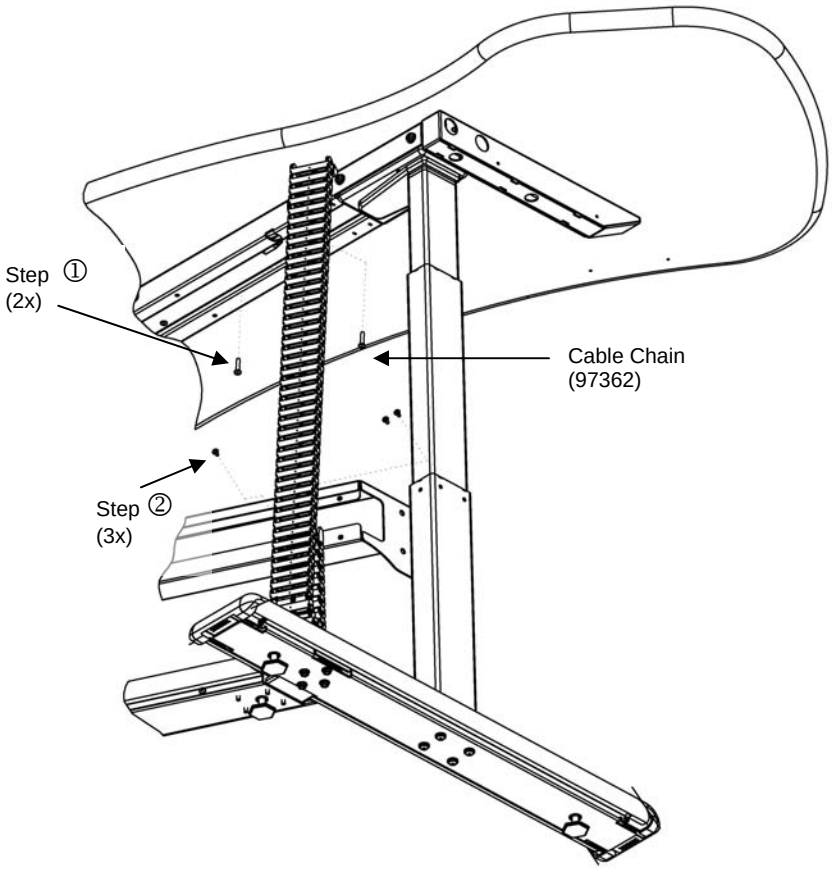
5. Adjust the front and back of the rear surface until the gap is uniform and is 1.5”.
6. Tighten the side screws, and then the front screw.

Attach Left Cable Chain to User Surface

Follow these instructions and refer to the figure below to assemble and attach the left cable chain to the user surface.

1. From below the user surface, attach the 53-link cable chain (97632) using two Phillips head screws (62071) to the surface.

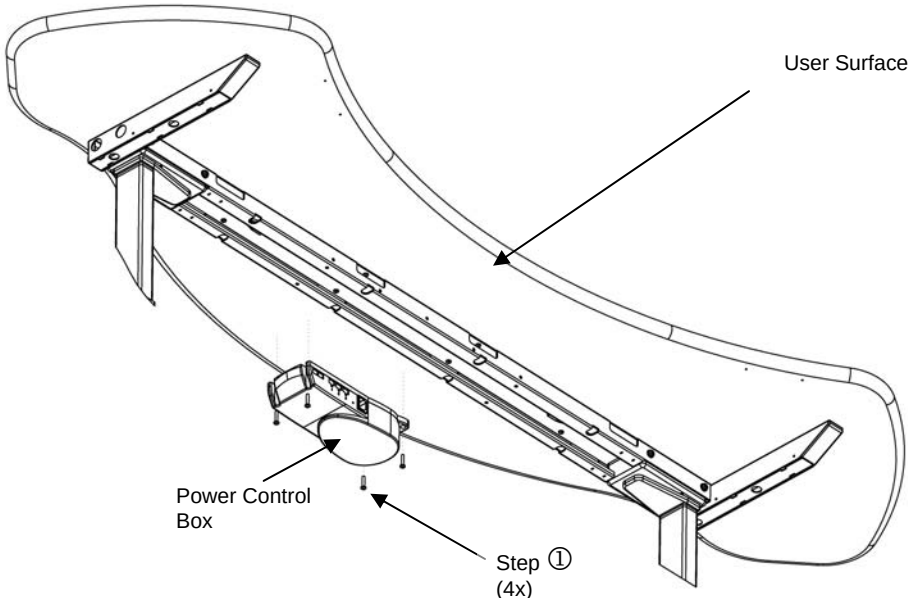
2. From behind the assembly, attach the cable chain to the lower frame using three Phillips head machine screws (18618).



Attach Lift Control Box and Operator Control Pad

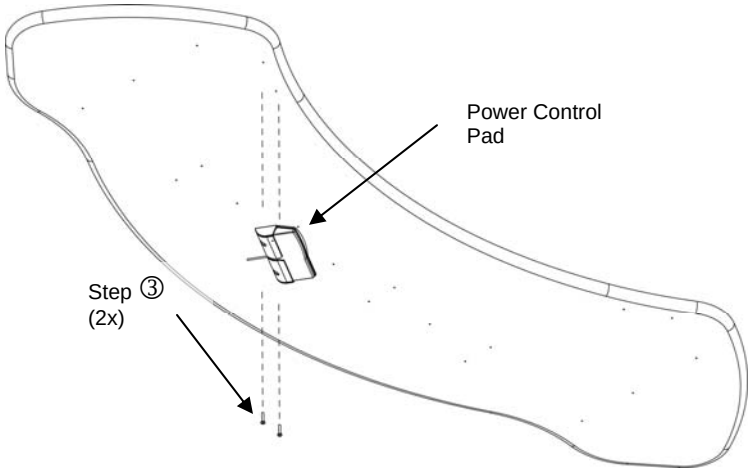
Follow these instructions and refer to the figure below to attach the power control box and power control pad to the bottom of the user surface.

1. From underneath the user surface, attach the lift control box (90066) to the center rear section of the surface. Insert four Phillips wood screws (62071) and tighten.



2. From the underneath the user surface, attach the operator control pad bracket (96239) to the left front of the surface as shown in the illustration below. **NOTE:** The control pad can be mounted in different locations under the user deck, depending on the configuration. For instructions on calibrating and operating the control pad, refer to Chapter 5.

3. Insert two Phillips wood screws (62071) and tighten.



4. Slide the control pad firmly into the support bracket until it clicks into place.

Route Cables

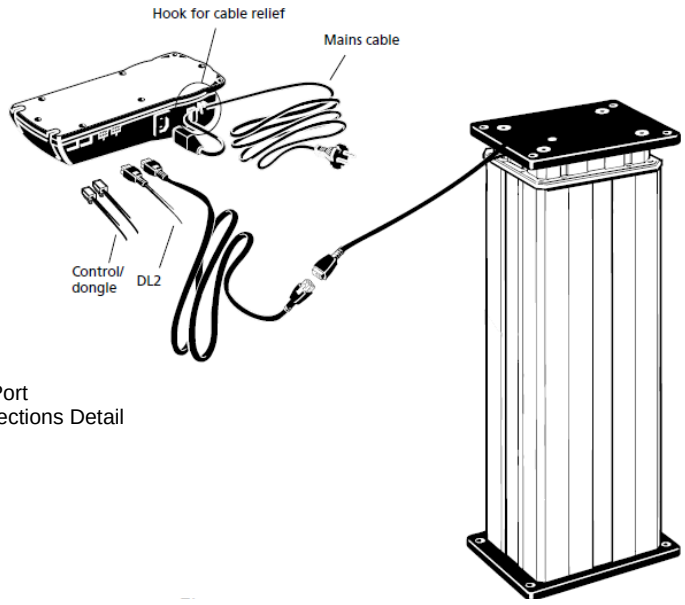
Follow these instructions for an overview on how to route cables through the assembled components to a power source. These instructions are intended to provide general guidelines only since configurations may vary.

To route cables, do the following:

1. Route the power control cable from the power control switch (96239) through the channel in the workstation support frame to the control box (90066). When routing cables, adhere to these guidelines:

    a. The DL2 lift is to be connected to the sockets on the control box by means of the motor cables, which have a 6-pin plug in each end.
    b. The mains cable is to be mounted and power switched on. Please note that the control box must only be connected to the voltage stated on the label.
    c. The control box earth cable should be mounted on the workstation in a way that ensures good electrical contact. The function of the earth cable is to earth the desk and ground static electricity. The earth connection does not protect other electrical products.

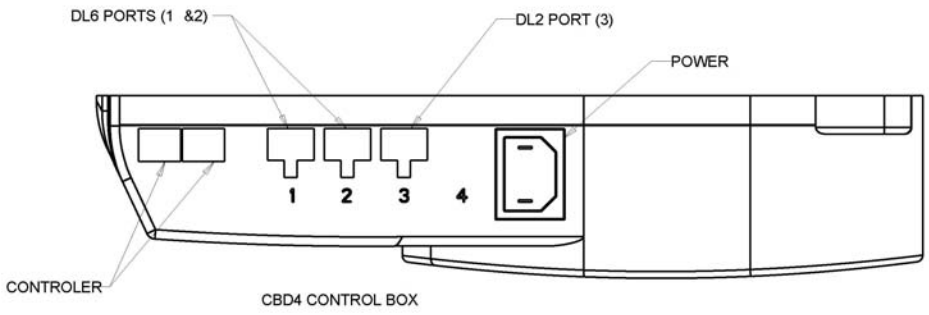
2. Route the power cable from the control box (90066) through the workstation support frame, cable chain, and lower frame to a power outlet.



See Port
Connections Detail

Refer to the following port connections illustration and perform the following instructions to connect each cable to the appropriate port.

3. Connect the DL6 cable to Port 1 as shown below.
4. Connect the other DL6 cable to Port 2 as shown below.
5. Connect the DL2 cable to Port 3 as shown below.
6. Connect the power cable to the power outlet as shown below.
7. Connect the controllers to the controller port as shown here.



Port Connections Detail

IMPORTANT: Note the connection port assignment. The workstation will not function unless the lifts are plugged into the correct ports as shown here.

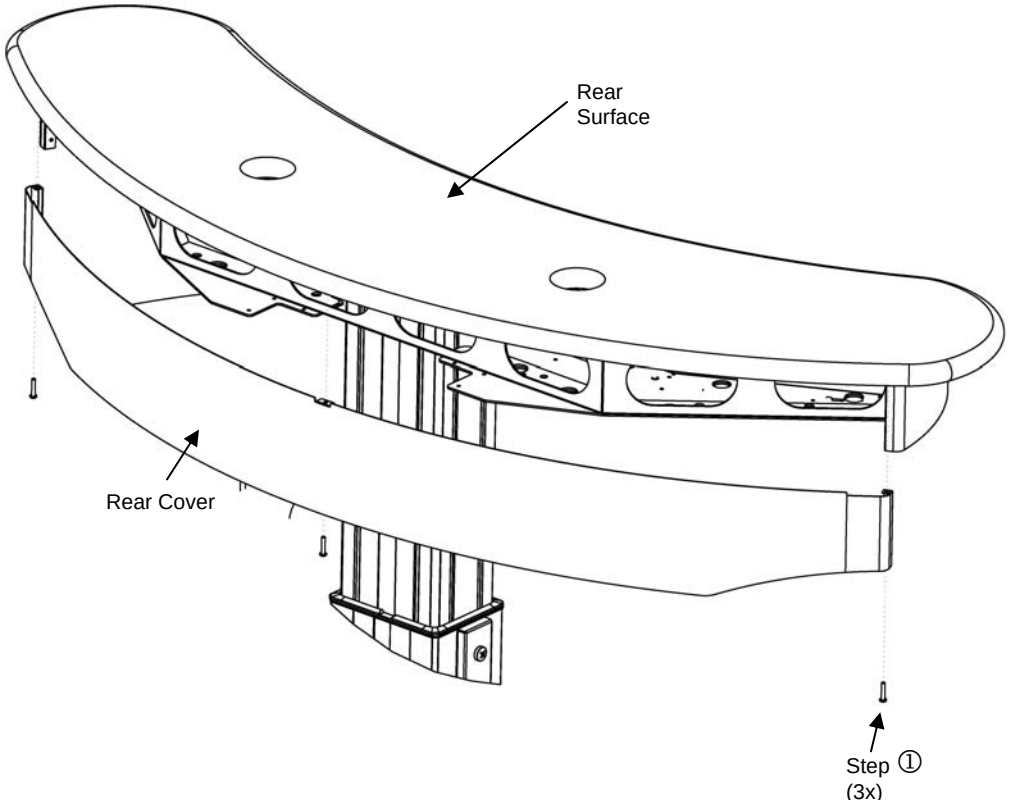
8. Test cable routing and connections. Check all cable routes for pinching and interference.

Install the Rear Cover

Once all the cables have been routed, you will need to install the rear cover to the rear surface.

To install the rear cover to the rear surface, do the following:

1. Attach the rear cover (21616X) to the rear surface by inserting three (3) #10A x 1" Phillips pan head screws (62071) through the rear cover and into the rear surface and tighten.



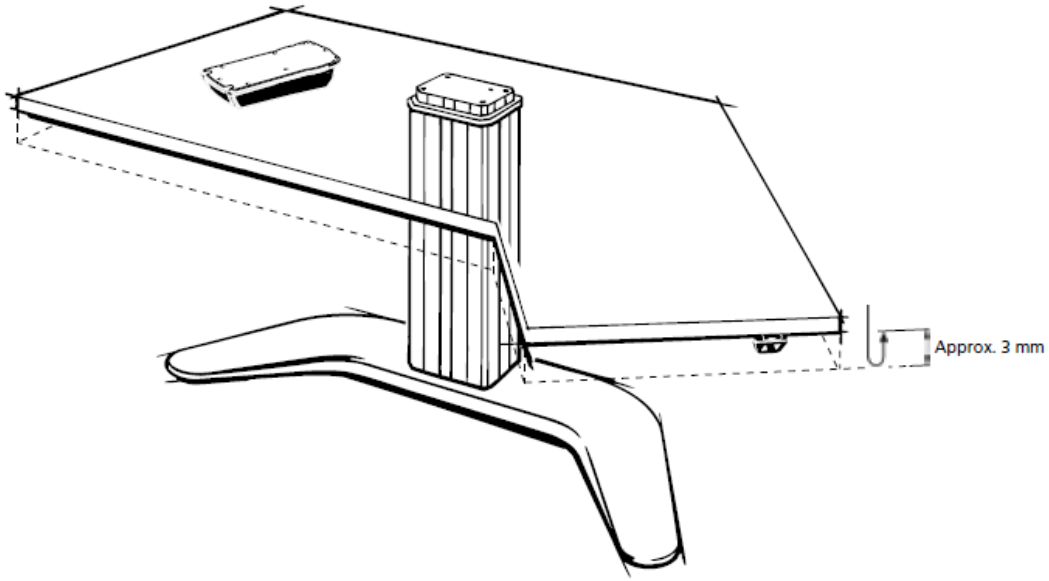
2. The rear cover installation is now complete.

You have successfully installed the Profile Genesys Ergonomic Workstation. Proceed to the following section for instructions on initializing the system.

Initialize the System

To initialize the lift, do the following:

1. On the control pad, press the Down Arrow button until the lift column lowers to the "end-stop" position".



Workstation Model Shown for Illustrative Purposes Only

2. If the controls are not working properly, then refer to the *DeskPower DB4/DL4 Systems Guide* to ensure the control pad has been properly installed. Refer to the "Documentation" section of this manual for document location.

You have now successfully installed and initialized the Profile Genesys Dual-Lift Ergonomic Workstation and it is ready for operation.

For additional operational information on how to set and store user positions, adjust the height of the workstation, and switch to a stored memory position, refer to the *Profile Genesys Dual-Lift Ergonomic Workstation Operator's Manual*. The Operator's Manual also includes instructions on how to troubleshoot the workstation should any system malfunction occur.

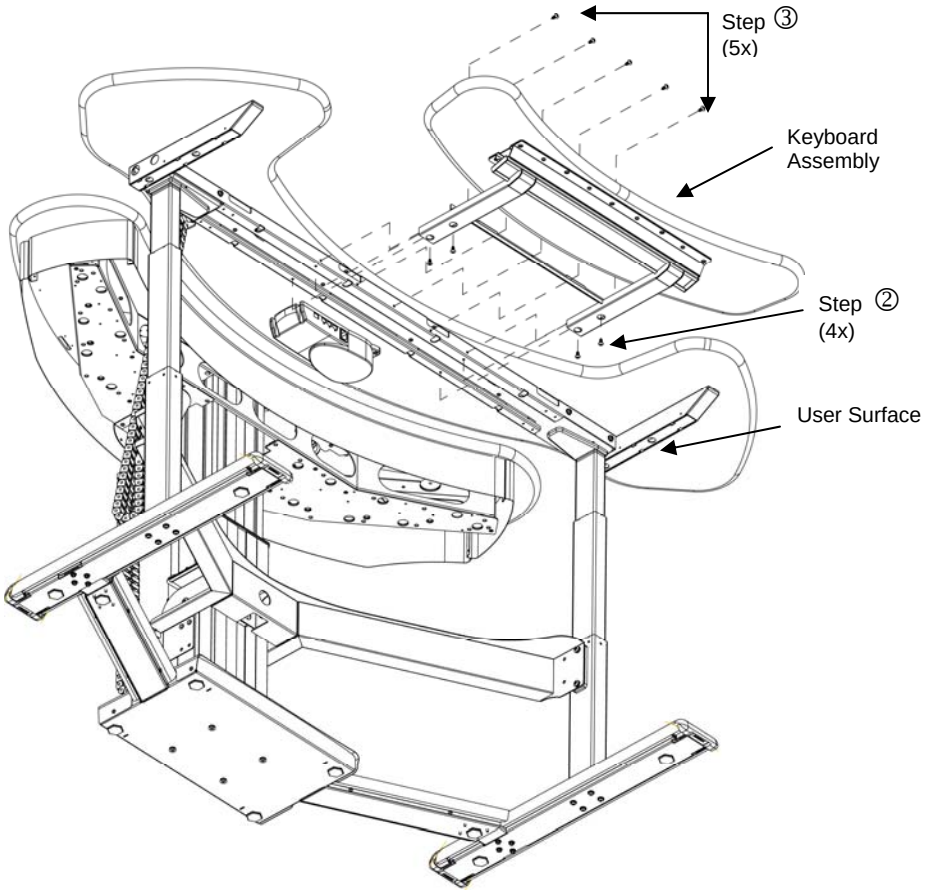
Installation Options for the G111 Series

This section provides instructions on installing the Eaton Profile Genesys G111-Series Ergonomic Workstation with keyboard tray. Skip this section if you are not installing this product.

Attach Keyboard Tray

If you ordered the keyword tray, then follow these instructions to attach the keyboard tray to the user surface.

1. Attach the keyboard assembly below the front of the user surface by hooking the frame to the user surface support frame.



2. From below the work surface, insert four Phillips screws (92927) through the keyboard tray supports into the user surface support frame and tighten.

3. Insert five Phillips screws (92927) horizontally through the keyboard tray bracket into the front of the user surface support frame and tighten.

4. Initialize the lift by pressing the Down Arrow button on the control pad until the lift column lowers to the “end-stop” position.

Chapter 4 Aligning the Workstation to the Core

Now that the Profile Genesys Dual-Lift Ergonomic Workstation has been successfully installed, you will need to align the workstation to the core as documented below.

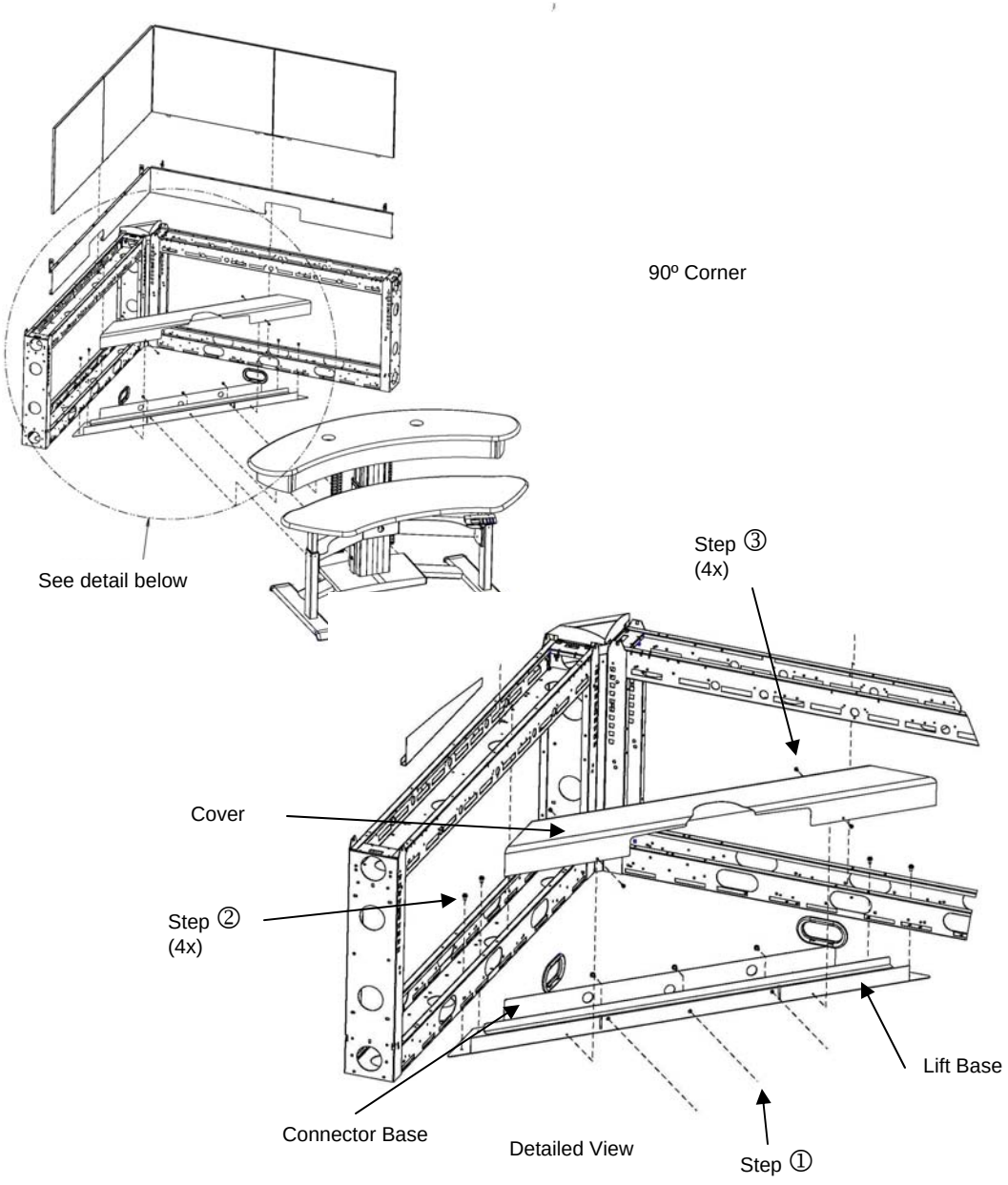
To install additional system components such as flat panel displays, and so on, refer to the *Profile® Flat Panel Console System Installation Manual* for detailed instructions.

To align the workstation to the core, do the following:

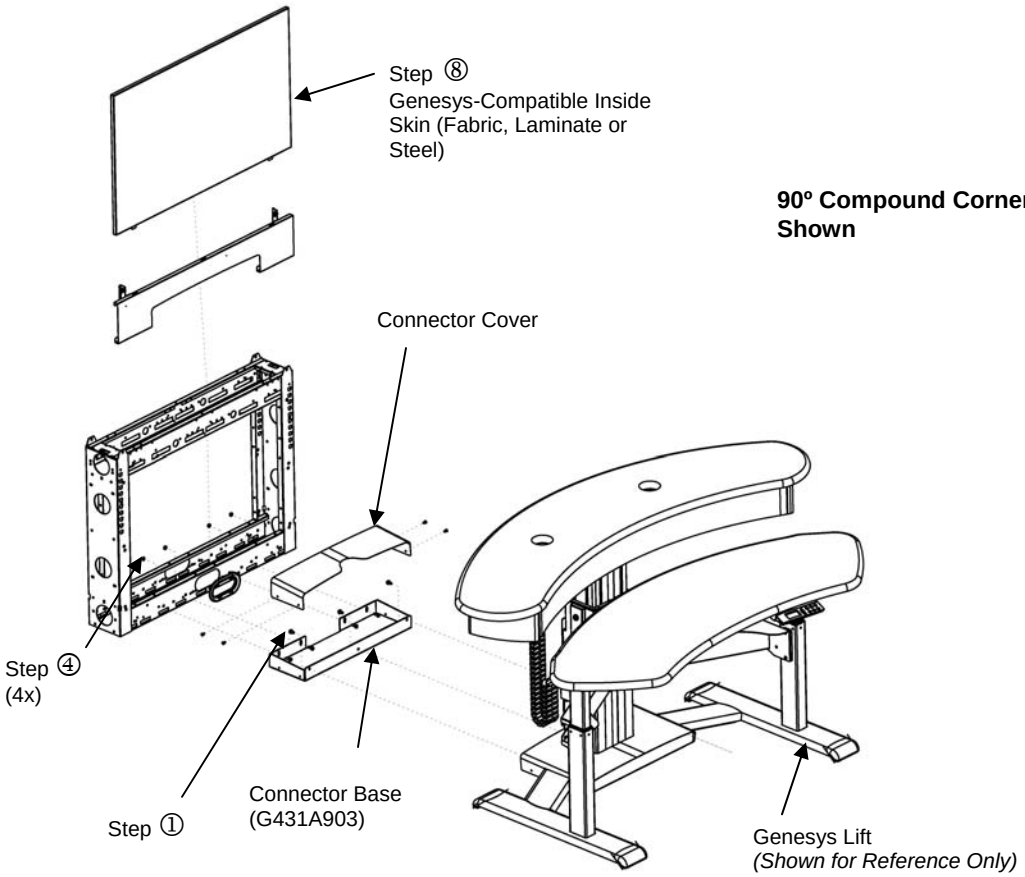
1. Attach the connector base to the lift base, using thread forming screws (54348) as shown in the exploded view below.

2. Connect the base to the core by inserting and tightening four (4) thread forming screws (54348) as shown in the exploded view below.

3. Secure the cover using four (4) #10-32 x 3/8" Pan head swage form screws (66714).



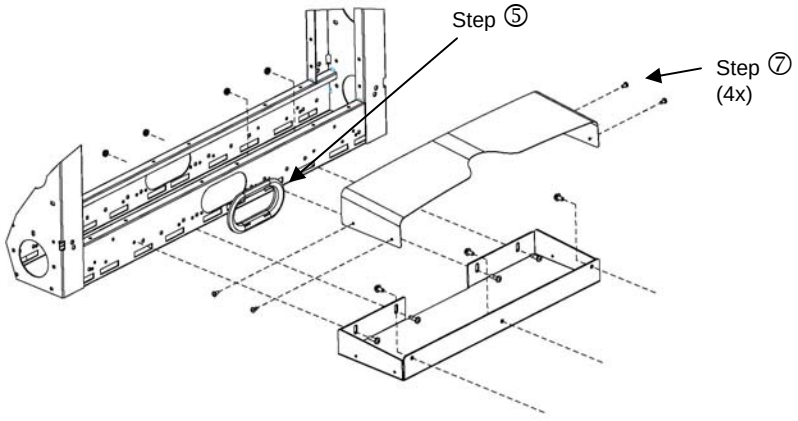
4. Connect the lift with connector base to the core via four (4) #1/4-20 screws (53956) and #1/4-20 Kep nuts (18209).



5. Install the grommet in the grommet opening in the core as shown below.

6. Route cables from the lift through the grommet opening in the core as shown below.

7. Install connector cover with four (4) screws (66714) as illustrated below.



8. Install compatible inside skins.

You have now completed the alignment of the workstation to the core.

Chapter 5 Service and Support

If you have any problems with installing or using this product, follow these troubleshooting tips or contact us using one of the methods provided.

Troubleshooting

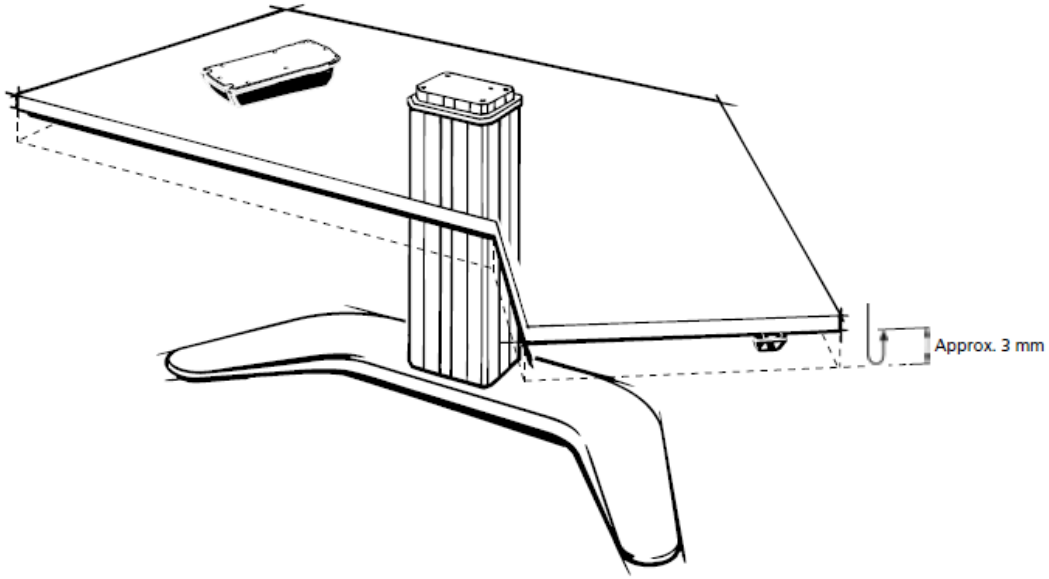
If a problem occurs with the system, refer to the "Troubleshooting" section of the *Eaton Profile Genesys Ergonomic Workstation Operator's Manual* for troubleshooting tips and corrective actions. If the lift freezes and the workstation is not moving in an upward or downward direction, then re-initialize the system per the instructions noted below.

Lift Freezes

If the lift freezes and the workstation is not moving in an upward or downward motion, then you will need to re-initialize the system and it should correct the problem. Follow these instructions to re-initialize the lift.

To re-initialize the lift, do the following:

1. On the control pad, press the Down Arrow button until the lift column lowers to the "end-stop" position".



Workstation Model Shown for Illustrative Purposes Only

In this Chapter

Refer to the following table for information on a specific topic.

Topic	See Page #
Troubleshooting	37
Lift Freezes	37
Error Code Appears on Control Pad	38
Technical Support	38
Documentation	40

2. If the controls are still not working properly, then do one of the following:

   - Refer to the *Eaton Profile Genesys Dual-Lift Ergonomic Workstation Operator's Manual* for troubleshooting tips and corrective actions.
   - Refer to the *DeskPower DB4/DL4 Systems Guide* to ensure the control pad has been properly installed. See the "Documentation" section of this manual for document location.
   - Contact Eaton for Technical Support assistance.

Error Code Appears on Control Pad

If a problem occurs with the system and an error code displays on the control pad, then refer to the Troubleshooting section of the Eaton Profile Genesys Dual-Lift Ergonomic Workstation Operator's Guide for a list of error codes and corrective action associated with the error.

Technical Support

Send an email and detailed description of the problem as well as contact information to Technical Support at to.support@eaton.com.

Sales Representative

Contact an Eaton Sales representative by one of the methods below.

Phone:

Call us toll free at 800.225.7348 (US Only) or 508.852.4300

Mail:

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Web:

Visit us at http://www.wrightline.com and click on "Contact Us." Simply complete and submit the form as directed on our web site.

Local US Representative

To find a sales representative in the area, visit our website at http://www.eaton.com/wrightline.com, and then click on "Contact your local rep for more information." For US visitors, enter your zip code in the field and click on the Submit button.

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Documentation

For documentation pertaining to this product and related Eaton products, visit our website at http://www.wrightline.com.

To contact an Eaton salesperson or local distributor, please visit www.eaton.com/wrightline or call 800-225-7348.

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